## **AUTOMOBILE ENGINEERS BEGIN OUTING MONDAY**

Many Subjects to Be Discussed During Three-Day Lake Cruise.

The summer meeting of the Society of Automobile Engineers will be held this year on a three-day cruise through the Georgian bay, Thirty Thousand Islands country, on board the steamer S

Departure from Detroit will be made at 2 p.m. tomorrow, returning to De troit Thursday, at 5 p.m. The beauty of the region which will be traversed as well as its historical interest, bids fair to make this one of the most successful trips from a recreation stand-point ever held by the society. In fact, n order that the cruisers may view at range the charming scener. steamer Wanbie has been chartefed t Islands where the larger Noronic may not venture. Landings at Midland as Parry sound in Ontario and a piente at Point au Raill are features of the life

## Wide Mange of Subjects.

Chairman R. McA. Lloyd and the other members of the meetings committee have reason to feel proud of their cfforts to secure interesting and valualarge part of the automobile field in The internal combustion engine will be treated not only as applied to automobiles, but farm tractors and aeroplanes as well, white such details as springs, wheels, tires, pistons and spiral gears will be presented from new points of view. The design and construction of motor-driven fire apparatus will have a place on the program, as well as the manufacture and use of inhiricants. The motor truck in ase of lubricants. The motor truck in war will have its hour and scientific methods of testing electric vehicles

will be described.

In connection with the trip there will be held a meeting of the standards committee, at which several divisions thereof will make reports of matters to be submitted to the society for approval. It is expected that the carburetor fittings division will report on standard flange dimensions for carburators of smaller and larger sizes. oureters of smaller and larger sizes

buretors of smaller and larger sizes than comprised in the present standard and on a standard form of curburetor air heater.

The electrical equipment division will report on bulb bases, sockets and connector plugs for both the grounded and insulated return electrical systems now in use on gasoline automobiles. When these standards are approved by the society and adopted by the industry, the bulbs and connector plugs will be interchangeable, and plugs will be interchangeable, and there will be no trouble in making a ection through a bulb socket for a lamp or any other electrical

## Electrical Vehicle Report.

A revised version of the report of the A paper on "The Method of Rating the Mileage of Electric Vehicles," which will be presented at the meeting, will have an important bearing on some of are this year touring to the extreme vehicle division concerning which there been considerable controversy The iron and steel division will pre

The miscellaneous division will offer standards recommendations covering a number of items which seem small and unimportant, but which, if neglected, cause a surprising amount of confusion and expense. Among these are the standardization of cotter pin sizes, in which the range of some 250 sizes now in use will be reduced to forty-one, and the standardization of widths of flat fan belts and their pulleys. Suggested standards for speedometer and governor drive-shaft terminals for use where the instrument is driven from the motor or transmission, and suggested standard sizes for piston rings and grooves, will also be presented. The last two items will be offered largely for discussion, definite standards recommendations not being expected until further data have finite standards recommendations not ing expected until further data have en collected.

been collected.

The springs division will submit a modified edition of its fourth report covering nomenclature of cantilever springs, test for parallelism of spring eyes and limits for same, tables for spring di-The great saving in dollars and cents

which has resulted in the past from standardization is attested by the interest displayed in this feature of the summer meeting by manufacturers of automobiles, parts and materials.

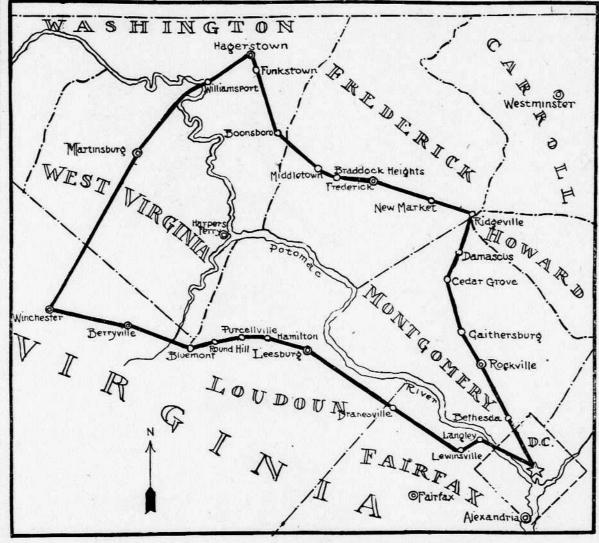
## Whirlwind Racing Is Promised.

will be the keynote of the opening contest at the Sheeshead Bay speedway October 2. Although it has not been definitely decided by the executive committee, it is probable that the distance of the inaugural race will be 350 miles. Manager Everard Thompson, after talking at Indianapolis with men experienced in metropolitan long-distance racing, had his own opinion confirmed that New Yorkers do not take to long, drawnout grinds, but rather look for snappy, hard-fought struggles, in which interest and excitement are sustained throughout. It was the consensus of opinion that a race of 250 miles would be long enough to test, to a reasonable and satisfactors like the test and excitement are sustained throughout. It was the consensus of opinion that a race of 250 miles would be long enough to test, to a reasonable and satisfactors like the test and excitement are sustained throughout. It was the consensus of opinion that a race of 250 miles would be long enough to test, to a reasonable and satisfactors like the test and excitement with the first properties of the various towns on this pike, has been free from such traps." Complaint has come to the club recently that very few motorists are driving faster than is reasonably safe, and Secretary Luzius warns members of the club and motorists in general that unless they public sentiment will establish traps, which invariably leads to injustice being done the majority for the sake of running down the few reckless drivers.

Returns From Territory Trip. was the consensus to the consensus of the case of 250 miles would be long enough to test, to a reasonable and satisfactory limit, the endurance of the cars, and at the same time assure a hard battle for the lead from the crack of the pistol to the drop of the checkered the pistol to the drop of the checkered face.

Pullman representative day from a trip through the Oid Dominion and the eastern shore of Maryland. He reports the unloading of six carloads of Kings and Pullmans at Richmond, Norfolk and Cape Charles

ROUTE OF AUTOMOBILE TRADE-BOOSTING TRIP OF RETAIL MERCHANTS' ten is the rapid extension of rural free ASSOCIATION INTO MARYLAND, VIRGINIA AND WEST VIRGINIA, JUNE ment, caused primarily by the great im-22 AND 23.



## **WESTERN MOTORISTS** WILL TOUR THE EAST

Great Demand for Data on Roads of Atlantic Coast

States.

Although attention has been largely focused on motor routes to the west a new touring condition has arisen, which, because of the peculiar condi tions of this season, probably would escape general attention. It is the coming of the westerner to the east. During the past sixty days the tourelectrical vehicle division, presented to ing bureau of the American Automo the society at its winter meeting last bile Association in Washington has January, will be considered, attempt been particularly busy with applicabeing made to standardize motor volt- tions for road data from motorists in ages, motor name plates, batteries, etc., out-of-the-way places west of the Misfor use in connection with electric ve- sissippi and east of the Rockies. This hicles, both pleasure and commercial condition was unheard of until the present season. Heretofore it has been the motorists from the Atlantic seaboard who took their cars west, cars from the great Mississippi valley

## Capital to Be Focal Point.

The iron and steel division will present its seventh report, with complete up-to-date specifications for S. A. E. steels and notes and instructions on their heat treatment and use. This, being one of the most important activities of the standards committee, is expected to arouse more than passing interest not arouse more than passing interest not only at the meeting but in the trade in seneral.

This summer, if the indications at the A. A. A. touring bureau are correct, will see the highways of the Atlantic coast states, from Virginia north, liberally sprinkled with cars tagged from the other side of the Mississippi. The ton automobile record last week, new National Capital, too, has an attraction for the westerners second only to the rectal.

The miscellaneous division will offer Berkshires. Because of the excellent

output of automobiles it was to be expected that this demand would rapidly increase and spread to the agricultural areas, but with the Pacific coast claimareas, but the Facine coast claiming the spotlight it was not anticipated this season. This change is perhaps best explained by the wide publicity given the fine highways of the east, it being another illustration of the contention that where good roads lead the motor tourist will follow.

Speed Traps Hamper Motorists. Motorists have been very much hampered recently, especially on Sundays, by speed traps on the state highways. "The Frederick pike, however," says H. M. Luzius, secretary of the Whirlwind racing from start to finish Automobile Club of Maryland, "through will be the keynote of the opening the friendly spirit of the residents of

\$50

WITHIN YOUR GRASP

sharing rebate to purchasers of Ford Cars who actually get their cars before August 1. This means that those intending to get the benefit of this re-

bate must place their orders at once.

Miller Bros. Auto & Supply House 61 Pierce St. N.E. 1105 14th St. N.W.

Barring the unforseen, the FORD MOTOR COMPANY will pay a profit-

Society of Automobile Engineers, Detroit and Great-Lakes cruise. June 17—Track meet, Boston,

June 19-Track meet, Hartford, Conn. June 19-500-mile speedway ace, Chicago. July 3-300-mile race, Sioux race, Chicago,
July 3-300-mile race, Sioux
City, Iowa,
July 4-Track meet, Oshkosh,
Wis,
July 4-5-Speedway races, Ta-

July 4-Speedway Faces, 12 July 4-Road race, Visalia, Cal. July 4-Road race, Chico, Cal. July 5-Speedway races, Omaha,

Neb.
July 9—100-mile dirt track race,
Burlington, Iowa.
July 31—Road race, Denver, Col.
August 14—Dirt track races,
Janesville, Wis.
August 20-21—Elgin road races,
Elgin, Ill.
August 28—100-mile, dirt track

August 28-20-21-Eigin road races, Elgin, Ill.
August 28-109-mile dirt track race, Kalamazoo, Mich.
September 6-Speedway races, Detroit, Mich.
September 6-Speedway races, Providence, R. I.
September 13-19-Pan-American road congress, Oakland, Cal.
September 24-25-Track meet, Grand Rapids, Mich.
October 1-2-Track meet, Trenton, N. J.

Harris N. Brown has purchased Hupmobile roadster, delivery being made a few days ago.

# AUTOMOBILE AUTOMOBILE GREAT AID TO THE COL

American Farmer Recipient of Many Benefits From Introduction of Motor Vehicles.

undergone a radical change. The farmer has, of necessity, become a car own er himself. He has come to appreciate the usefulness of the automobile itself

ing of the automobile into the farm-er's home has also come a decrease in

by enactment of laws and appropriations for better roads in every state in the Union. Picture, if you will, the farmer of a few years back, struggling valiantly in a bad, muddy road with six horses hauling a small load of produce, and today being able to traverse this same road with an auto without any effort.

and Jackson, Mich. He is enthusiastic over the two lines for the coming season. Wille out at the factories he drove the new models several hundred miles over the roads, testing them out.

Joins Barnhart & Co.

Wilbur Leech, well known in local

Additional Benefit. "One more benefit not to be forgot-

## delivery mail routes by the govern provements in public rural roads making this extension feasible.

The automobile has come to stay, an as the interests of city car owners and rural owners are so closely allied, why not co-operate and keep up a persistent campaign until the United States has the finest public roads in the world."

SHIFMENT OF FORD CARS DAILY Club swells. Each day sees many new names Claude E. Miller Arranges for Sup-

While in Detroit last week Claude the work the A. A. A. is doing to obtain full enjoymen tain better legislation for automobile from their trips because they star bile and supply house arranged for the shipment of thirty Ford cars daily compared to the shipment of thirty Ford cars daily compared to the association gives its members ice the association gives its members knowledge and before the end of the to this city as long as the present rate of production is maintained. Mr.

Mr. Miller refused to discuss current umors that his firm had completed rrangements to continue to handle he Ford car after the Ford Motor the Ford ear after the Ford Motor Company opens its branch next year. Mr. Miller's visit to the Ford factory had something to do with such plans. The local firm established a phenomenal record for the sale of cars, more orders being obtained in this city than any other Ford agency or branch in the country, with the exception of the Philadelphia branch. The firm has a sales staff of over thirty working under the direction of Jerome Fanciulli, the sales manager.

## MORE TIME FOR CHARGING.

ply for Washington.

turned from a two-week trip to De-

Fattery Expert Says Injury Is Often Incurred by Haste.

Charles Rubel, a local battery expert says that one of the most frequent causes of dissatisfaction on the part of owners of electrically equipped cars and accurate to the very mile. As a is insufficient charging of their storage "As a rule the owner has no idea of

"As a rule the owner has no idea of how long a time it takes to recharge a battery that has begun to run down. He is usually in a hurry and wants to get his battery right back again as quickly as possible, when, as a matter of fact, he should leave it at the charging station possibly for several days. "If the battery man gives in and lets him take his battery after it has been charged for only a few hours it will appear to give satisfactory service at first, but will very quickly go dead, as the saying is. The owner is dissatisfied and very often serious injury is done to his battery."

Leaves Haynes Auto Company.

Harry S. Jones, a resident of this city, who for the past two years has been district sales manager for the Haynes Automobile Company in North and South Carolina, Virginia, West "The farmer has heretofore been prone to look upon the automobile owner as a natural enemy or intruder," says Alfred O. Dunk, prominently identified in the automobile industry in Detroit, in speaking of the need of coperation between the automobile owner and farmer on the good roads question.

"Recently this attitude of mind has undergone a radical change. The farm-Virginia and Maryland, has severed

## Bunny Caused Resta to Lose.

INDIANAPOLIS, June 12 .- How Dario Resta lost the 1915 Indianapolis 500-It serves as the connecting link between farm and city, besides proving a mile race is a story that remained for mile race is a story that remained for a rail bird, sitting near the scene of the city and exchange for so-called city luxuries.

Resta lost the 1915 Indianapolis 500-11 in the second form of the strength of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the speedway near the end of the second form of the second turn of the speedway near the end of Social Feature Prominent.

"The social feature, too, cannot be lightly ignored. The modern farmer can, after a hard day in the field, take his entire family out in the open and secure that much-needed relaxation for himself and all. The social bond between neighboring farmers is also made stronger on account of quicker travel to and from. The unity of the home is also preserved. With the coming of the automobile into the farm-

## Returns From Michigan.

the number of young people quitting the farm for the city.

"Greatest of all boons, though, conferred on the farmer by the automobile has been the marked improvement in roads in all parts of the country, caused by enactment of laws and appropriations for better roads in every state in over the two lines for the coming season.

Wilbur Leech, well known in local motoring circles, has joined the sales staff of William P. Barnhart & Co. and will sell King and Pullman cars.



King Motor Cars Switzerland, Guatemala, P Uruguay, Java, Martinque

Each day sees many new names added to the already long list of members. The signmarking of the highways, the efforts to improve bad roads, the efforts to improve bad roads, the signmarking of the highways, the efforts to improve bad roads, the signmarking of the highways the signmarkin added to the already long list of mem-bers. The signmarking of the high-

Miller, accompanied by A. H. Shoup of the local firm and H. G. Machen, subagent for Prince Georges county, re-

tombile Association, with which is af-filiated 700 auto clubs throughout the country; is the logical starting point for motor tours to many historical spots dear to the heart of every American, and the local club already has enrolled as members persons nationally and internationally known.

Thomas R. Shipp, in a letter to the secretary of the local club, reports the condition of the road beyond Cumberland. He says:

"You will be interested to know that your special suggestions with regard to the conditions of roads between Wheeling and Columbus were exact and accurate to the yeary mile. As we

drove along I found great interest in "picking up" those pieces of road as you had outlined them. The worst difficulties we encountered were from the detours we had to make on account of road construction.

"Just out of Wheeling there are about 4,000 "thank you, mams," which, of course, retarded progress. But al,together the roads between here and Indianapolis are astonishingly good, and, if any one wants a most delightful tour, I recommend the trip via Wheeling. Certainly there could not be anything much more enjoyable than our second day out—Cumberland to Wheeling.

"Incidentally, we went through with only one blow-out, on a tire which had

only one blow-out, on a tire which had run 6.500 miles, and one little puncture. Our mileage from Washington to Indianapolis was 610 miles."

The most recent addition to the mem-The most recent addition to the membership list of the new District of Columbia Automobile Club is Charles A. Watson. Mr. Watson, who is popularly known as "Skeets," and who is one of Washington's pioneer motorists, is today, as he has always been, a ready and generous supporter of every plan designed to better motoring conditions. ditions.

Joseph B. Trew, veteran Washing-ton automobile dealer, was among those who joined the new auto club last

John C. Wineman, who is known far and wide as a motorist, and who amuses himself spinning along the highways and byways of motor car travel in his and byways of motor car travel in his automobile, is another ardent motorist who joined the local auto club recently. Mr. Wineman is contemplating a motor tour for next month that will take him west to Pittsburgh, thence to Niagara Falls, the Adirondacks, the Berkshire hills, the New England coast, New York city, Atlantic City and Philadelphia, from which city he will proceed to Washington. Mr. Wineman's proceed to Washington. Mr. Wineman's entire trip will be planned for him by the club's touring bureau.

When Mrs. Joseph M. Stoddard, ac-

ice the association gives its members appeal strongly to motorists everywhere.

The value of an automobile club to motor car owners is unquestioned. There is hardly a city, town or hamlet in the United States without a motoring organization. In this respect Washington, in the midst of the finest touring section of the country, is the last of the large cities to recognize the value of co-operation among motorical washington, in the midst of the seventh of the large cities to recognize the value of co-operation among motorical washington, in the midst of the country, is the last of the large cities to recognize the value of co-operation among motorical washington, in the midst of the country, is the last of the large cities to recognize the value of co-operation among motorical washington. Now that the autoists of this city have awakened to the need of an automobile club it is hoped that they will come forward as they should and make their organization worth while. Washington is the capital of the nation: is the headquarters of the American Autombile Association, with which is affiliated 700 evince clubs. Proposphout the motordom as the director of the seventh of the motor of the seventh of the mean of the seventh of the motor of the seventh of the mean of the motor of th

The club's map-making departments of presided over by A. G. Seiler, is an attraction for visitors to headquarters in the Riggs building. Club members seeking touring information, upon their arrival at headquarters, are taken in charge by E. L. Ferguson, famed in motordom as the director of the sevin the Riggs building. Club members seeking touring information, upon their arrival at headquarters, are taken in charge by E. L. Ferguson, famed in motordom as the director of the several Glidden tours, who is at the head of the club's touring bureau. Mr. Ferguson is confronted with quite a problem holding the attention of the visitor who, suies Mr. Seiler at work on new who spies Mr. Seiler at work

companied by her little son and daughter, left Washington last week in her Cadillac touring car to motor over the roads to the Stoddard's summer home in New Hampshire hills, she carried with her road directions covering every inch of the highway between the National Capital and Lake Sunapee, supplied by the touring bureau of the local auto club.

R. M. Clendenning, who drives an oakland speedster, manifests his club enthusiasm in the fact that he has an A. A. A. emblem on each side of his car's V-shaped radiator.

That the woman motorist is the rule.

That the woman motorist is the rule.

That the woman motorist is the rule rather than the exception is evidenced by the large number who have joined the local auto club. Miss Hilda Fletcher was the most recent woman applicant for membership.

A. A. A. emblem is the powerful Apperson pathfinder owned by E. B. Terry. It was in this car that Mr. Terry. accompanied by Howard S. Fisk of The Star, last week broke the Washington-New York running time.

Tasmania imports practically all its

DEMONSTRATOR FOR SALE Perfect Condition. Due to Arrival of New Models. Address BOX 184, Star Office.

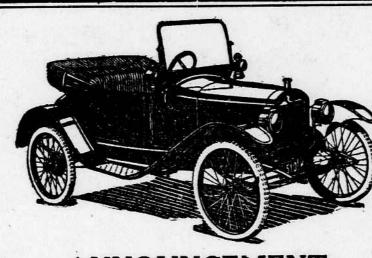
# Dodge Brothers MOTOR CAR

You have read the specifications before, but you can well afford to read them again as a reminder of how fine the car really is:

One-man top; Jiffy curtains: real leather upholstery; deep, soft tuffing of natural curled hair; streamline steel body; ova' moulded fenders; 30-35 h. p. bloc motor with removable head; full floating rear axle; Timken bearings thruout; imported Swiss ball bearings in clutch and transmission; waterproof Eisemann magneto: 12-volt Northeast motor-generator for starting and lighting; self-lubricating Chrome Vanadium steel springs; drop forgings and drawn work instead of castings.

The wheelbase is 110 inche The price of the car complete is \$785 (f. o. b. Detroit)

DODGE BROTHERS, DETROIT



# **ANNOUNCEMENT** The ARGO STANDARD

A high-grade, beautifully designed car; standard tread; 4-cylinder, watercooled motor; semi-floating rear axle; sliding gear transmission; full elliptic springs; full streamline body.

2-Passenger Roadster

A car that, for the first time, combines beauty and comfort with utility and low price.

Here is a car that embodies the best and most attractive features of foreign body design-a car that you'll be proud of when you

Swung on full elliptic springs, with plenty of leg room and body room, too, you'll just skim over the road in a comfort that the highest-priced cars might envy.

take sweetheart, wife or family Argoing.

Light in weight and carefully designed to reduce dead weight to the minimum, the Argo Standard is exceptionally economical of fuel and oil-marvelously easy on tires.

The sturdy motor, developing 17½ H. P. on brake test at normal speed, enables you to laugh at hills or sand or mud.

5-Passenger

**Touring Car** 

Back of the car is a strong company, a well equipped factory, an efficient organization. Benjamin Briscoe and his associates, as you know, have stood in the front rank of motor-car progress for years.

We can't tell you a hundredth part of the good points of the Argo Standard in this announcement. You must see it, and ride in it, and examine it thoroughly for yourself. If you're considering any car under \$1,000, come in.

Smith Motor Sales Co., 2017 14th St. N.W. Tel. North 5461

